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प्राधिकार से प्रकाशित
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सं० 49] नई दिल्ली, शनिवार, दिसम्बर 3, 1977 (अग्रहायण 12, 1899)
No. 49] NEW DELHI, SATURDAY, DECEMBER 3, 1977 (AGRAHAYANA 12, 1899)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 3rd December 1977

CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated 3rd September 1977, in page 760, column 2, under the heading "Opposition Proceedings" item (1), line 3 for "Pendrol Limited" read "Pandrol Limited" and in page 761, column 1, under the heading "Amendment Proceedings under Section 57", item (3), line 12 for "fee of charge" read "free of charge"

In the Gazette of India, Part III, Section 2 dated 24th September 1977, in page 817, column 1, under the heading "Correction of clerical errors under section 78(3)", item (1), line 3 for "Completed Specification" read "Complete specification" and under the heading "Amendment proceedings under Section 57" lines 7 and 8 for "fee of charge" read "free of charge"

The following notification published in the Gazette of India, Part II, Section 3(u) dated the 8th October 1977 is reproduced below :—

MINISTRY OF INDUSTRY
(Department of Industrial Development)
New Delhi, the 24th September 1977

S O 3079 —In exercise of the powers conferred by section 152 of the Patents Act 1970 (39 of 1970) the Central Government hereby makes the following amendment in the notification of the Government of India in the late Ministry of 357GI/77

1 (971)

Industry and Civil Supplies (Department of Industrial Development), No S O 2819, dated the 29th July, 1975, namely :—

In the said notification, under the heading "4-DELHI" for the entry "The Registrar, University of Delhi, Delhi", in the second column, the following entry shall be substituted, namely :—

"The Assistant Controller of Patents and Designs,
The Patent Office Branch,
Unit No. 401—405,

3rd Floor, Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110005".

[F. No 18(29)/77-PP&C]
P. R. CHANDRAN, Under Secy

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act

27th October 1977

1539/Cal/77 Montedison SpA New Herbicide association for maize cultivations and a process to manufacture one of the associate matter

1540/Cal/77 Societa Italiana Telecomunicazioni Siemens S.P.A. Pass rejection band filter for telecommunication systems,

1541/Cal/77 Siemens Aktiengesellschaft Improvements in or relating to tunable stabilised oscillator circuits. (July 29, 1977)

28th October 1977

1542/Cal/77. Tomoe Technical Research Company. Butterfly valve.

1543/Cal/77. Centralny Osrodek Projektowo-Konstrukcyjny Maszyn Cierniczych "KOMAG" Vibratory feeder

1544/Cal/77 Single Buoy Moorings Inc Connecting arrangement between a floating structure and an anchor

1545/Cal/77 Reynolds Metals Company Concentration of hydrated aluminum oxide minerals by flotation

1546/Cal/77 Koninklijke Emballage Industrie Van Leer B V Packaging material as well as packs manufactured therefrom

1547/Cal/77 Enso-Gutzeit Osakeyhtio Hydrocyclone means.

1548/Cal/77 Vereinigte Österreichische Eisen- Und Stahlwerke Alpine Montan Aktiengesellschaft Device for removing dust-shaped particles from an air stream serving for the ventilation of mines [Addition to No 967/Cal/77]

1549/Cal/77 Siemens Aktiengesellschaft Improvements in or relating to frequency modulated data communications receivers (May 18, 1977).

1550/Cal/77 Siemens Aktiengesellschaft A safety output unit for a data processing installation

1551/Cal/77 H F & PH F Reemtsma Hinge lid package.

29th October 1977

1552/Cal/77 Rist's Wires & Cables Limited. Electrical connector [Divisional date April 21, 1975].

1553/Cal/77 The British Petroleum Company Limited Chemical process (November 3, 1976)

1554/Cal/77 Oak Industries Inc Pulsing type hall effect rotary switch

1555/Cal/77 Dynamit Nobel Aktiengesellschaft. Process for the manufacture of laminated safety glass [Addition to No. 1894/Cal/76]

1556/Cal/77 Schlumberger Overseas S A. Seismic surveying method and apparatus (October 29, 1976)

1557/Cal/77 General Electric Company Cured polyolefin compounds having improved heat aging stability method of improving heat aging stability therein and an electrical conductor insulated therewith

1558/Cal/77 Dr J N Haswell Postpartum fluid loss receptacle

1559/Cal/77 Societa Italiana Telecomunicazioni Siemens S P A Expanded memory for the suppression of the phase noise in transmission systems for digital signals

31st October 1977

1560/Cal/77 Pilkington Brothers Limited Improvements relating to the coating of glass fibres (November 11, 1976)

1561/Cal/77 Massachusetts Institute of Technology Improved cell culture microcarriers

1562/Cal/77 G Giammarco and P Giammarco Process for removing CO₂, H₂S and other gaseous impurities from gaseous mixtures

1563/Cal/77 Micro-Sonics, Inc Ultrasonic pest repellent method and system.

1st November 1977

1564/Cal/77 B K Sinha. Improved steams engine.

1565/Cal/77. Linde Aktiengesellschaft Improvements in or relating to the breeding of aquatic animals.

1566/Cal/77 Versatile Manufacturing Ltd Rotary combine

1567/Cal/77. Loewy Robertson Engineering Company Limited. Rolling mill stand (November 2, 1976)

1568/Cal/77 Tex Innovation AB Method of treating fibrous materials

1569/Cal/77. Tex Innovation AB. Apparatus and method for packaging or wrapping systems

1570/Cal/77. Indian Jute Industries' Research Association A device for controlling warp tension during weaving in a loom

1571/Cal/77 I A. Kolosov, J E Ivanyatov and V N Kosholkin Method of assembling banks of battery electrodes and device for realization thereof

1572/Cal/77. Wharton Shipping Corporation Barge-carrying waterborne vessel for flotation loading and unloading and transportation method.

1573/Cal/77. Vsesojuzny Nauchno-Issledovatel'sky Institut Tekhnicheskogo Ugleroda Process for the production of granular carbon black.

2nd November 1977

1574/Cal/77 Celanese Corporation Filter material.

1575/Cal/77 The Marley Company Bottom vented wet-dry cooling tower.

1576/Cal/77. Diamond Shamrock Corporation Monopolar membrane electrolytic cell.

1577/Cal/77. W. F. Gillen Jr Precast concrete threaded pilings.

1578/Cal/77. Owens-Corning Fiberglass Corporation Apparatus for intermixing additive constituents into a molten glass stream [Divisional date November 21, 1975].

1579/Cal/77 O & K Oienstein & Koppel Aktiengesellschaft Work Lubeck. Derrick.

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

13th October 1977

315/Del/77 Bharat Heavy Electricals Limited Axial flow heat exchanger

316/Del/77 A Dewan. A socket or adaptor [Divisional date May 20, 1975]

317/Del/77 Bharat Heavy Electricals Limited Segmental baffle type shell and tube heat exchangers

14th October 1977

318/Del/77. Council of Scientific and Industrial Research Improvement in or relating to a process of manufacturing of thin film resistors, resistor networks and/or hybrid circuits

15th October 1977

319/Del/77. Mrs Rekha Gupta Improvements in or relating to electrical equipments fitted with inserts

17th October 1977

320/Del/77 P V Indiresan and V Chandra Non magnetic train wheel detector

18th October 1977

321/Del/77. Shell Internationale Research Maatschappij B V Process for the preparation of a hydrogen-rich gas.

322/Del/77. Crucible S. A. Gold recovery.

26th October 1977

323/Del/77. Shell Internationale Research Maatschappij B V
Process for the preparation of hydrocarbons.

173/Mas/77. C S Venkatasubramanian. Reflecting attachments for the incandescent and fluorescent lamps

324/Del/77. Dorr-Oliver Incorporated. Nozzle type centrifugal machine with improved slurry pumping chambers.

COMPLETE SPECIFICATION ACCEPTED

19th October 1977

325/Del/77. Council of Scientific and Industrial Research
A process for the preparation of inorganic green pigment.

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from the date as prescribed in Rule 35 of the Patents Rules, 1972.

326/Del/77. Union Carbide Corporation. Recovery of hydrogen and nitrogen from ammonia plant purge gas.

327/Del/77. Imperial Chemical Industries Limited. Explosive fusecord (November 8, 1976).

"The classifications given below in respect of each specification are according to Indian Classification and International Classification.

328/Del/77. Shell Internationale Research Maatschappij B V
Process for improving the performance of silver catalysts. (October 21, 1976).

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

329/Del/77. Shell Internationale Research Maatschappij B V
Process for the separation of dry particulate matter from a hot gas. (October 21, 1976)

330/Del/77. A. R. Fernandez. A quick release mechanism for use in a vacuum brake system of rolling stocks.

Typed or photo copies of the specifications together with the photo copies of drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office

19th October 1977

331/Del/77. Albert Rex Fernandez. A vacuum brake system for rolling stock.

CLASS 40F & 56A.

143448.

22nd October 1977

332/Del/77. Council of Scientific & Industrial Research
Improvements in or relating to an "electronic flow meter.

Int Cl-B01j 1/00

PROCESS FOR THE PHASE SEPARATION, OF MATERIALS BY EXCHANGE IN HETEROGENEOUS SYSTEMS, AND AN EXCHANGE COLUMN THEREOF.

333/Del/77. Council of Scientific & Industrial Research. An insulative stove.

Applicant. DYNAMIT NOBEL AKTIENGESSELLSCHAFT, OF POST-ACH 1209, 521 TROISDORF, WEST GERMANY.

334/Del/77. Council of Scientific & Industrial Research. A domestic stove

Inventors. EUGEN HADAMOVSKY, WOLFGANG HOPPE, HANS-WALTER OVENHAUSEN, BERNHARD PIOTROWSKI, WEHRHART SCHMID, GEORG SCHREIBER AND DR HEINZ SCHROEDER

335/Del/77. Mangat Ram Choudhry. A method of producing printed film and exhibition of same through mirror mechanism in film strip viewer

Application No 2651/Cal/74 filed November 28, 1974.

24th October 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

336/Del/77. P. C. Lakhaj Mistry. Automatic device for enlightenment and de-lightenment during failure & resumption of electric supply.

29 Claims

337/Del/77. K L Gupta. A new kind or type of Smoke.

A process for the phase separation, of different ingredients such as herein described in a mixture by exchange of material in heterogeneous system, which comprises supplying a flow of a first mass to an upper region of an exchange column and a flow of a second mass lighter than said first mass flow to a lower region of the exchange column to flow in countercurrent with said flow of a first mass, and wherein

338/Del/77. Schering Aktiengesellschaft. Selectively herbicidally active diurethanes, a process for their manufacture and their use.

(a) the first mass flow supplied to said upper region is deflected above a plate disposed within the column into a vertical rotational motion and is mixed with a lighter mass flow passing through a first passage in the plane of the plate and introduced into the rotational motion,

339/Del/77. Schering Aktiengesellschaft. Selectively herbicidally active diurethanes, process for their manufacture and their use

(b) a mass system forming as a result of said mixing is increased in concentration in a region above a second passage in the plane of the plate, and

340/Del/77. D. C. Newman. Seed planting method for cereal grains and grasses.

(c) after a sufficient pressure drop has been built up in the region of the second passage, the said mass system flows through the second passage into a space below the plate to be deflected into another vertical rotational motion but in an opposite direction to the earlier rotational motion, and is mixed with mass flow supplied from below.

341/Del/77. Dunlop Limited. Vehicle suspension. (October 29, 1976).

APPLICATION FOR PATENTS FILED AT THE

(MADRAS BRANCH)

25th October 1977

172/Mas/77. Shri P S Sudarshan. Acid-alkali automatic dispenser.

CLASS 68E, 143449
Int C1 G05f 1/00

REGULATION ARRANGEMENT FOR AN ELECTRIC POWER SUPPLY SYSTEM

Applicant SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventor ROLF LANGER

Application No 223/Cal/75 filed February 6, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims

A regulation arrangement for an electric supply system having a plurality of generators, the arrangement being such that it can be coupled to such a system, by means including means for sensing individual generator loads and also the system load, so that the arrangement, with the system and such means, provides first control loops, for respective generators, slaved to respective second and third control loops for providing desired-value signals for the first control loops the second control loops being operable in dependence upon individual generator loads and the third control loops for providing desired value signals for the first control loops the second control loops being operable in dependence upon individual generator loads and the third control loops being operable in dependence upon the system load, the arrangement comprising

generator controllers for use in forming parts of respective first control loops,

computing means for use in forming a part of the second control loops, the computing means being operable to receive data representing the individual loads of the generators and to produce therefrom respective desired base loads signals for the generator controllers,

a supply system controller for receiving a signal representing the system load and which is common to the third control loops and is operable to provide, for third control loops, a system load variation signal which is a function of variations in the system load,

signal apportioning means for dividing the system load variation signal into respective regulating signals for the first loops; and

means, for respective ones of the first loops, for causing the desired base load signals and the regulating signals to act in combination to define the desired-values for the respective generator controllers

CLASS 172D 143450
Int C1-D01h 1/42

A SPINNING OR TWISTING SPINDLE, IN PARTICULAR A DOUBLE TWISTING SPINDLE

Applicant PALITEX PROJECT-COMPANY GMBH, OF WEESERWEG 8 4150 KREFELD, WEST GERMANY

Inventor WILLY HEIMPS

Application No 1139/Cal/75 filed June 9, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

9 Claims

A spinning or twisting spindle, in particular a double-twisting spindle, with a thread guiding eye for limiting the upper end of a thread balloon and acting as a thread monitor or thread sensor, which eye is held in its operating setting by the thread when the thread is running, and is attached to or is on a holder device which can be moved angularly in a vertical direction, characterised by the provision of a leaf spring, having a preferred bending line, which carries the said holder device, more specifically supports it from underneath, and which spring is rigidly clamped or secured at one end in or to a relatively fixed part, for example the machine frame

CLASS 94G 143451
Int C1-B02c 7/00 143451.

CENTRIFUGAL GRINDER

Applicant & Inventor VRAJIAL HARGOVIND CHAVDA, 49A, BHAKTINAGAR SOCIETY AND DARBAR GOPALDAS ROAD, RAJKOT, GUJARAT STATE, INDIA

Application No 158/Bom/75 filed June 11, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

13 Claims

A centrifugal grinder comprising (i) a circular drum divided into two semi-circular sectors, the top sector having a serrated edge and the lower sector being cut out, the said drum provided with an inlet for the material to be ground within the said chamber, the outer casting of the said drum being flanged, (ii) a plurality of sieves adapted to the shape of the said lower cut out sector the said sieves having perforations, each sieve having perforations of different mesh depending upon the fineness of the ground material required, (iii) a centrally located shaft projecting into the said drum, the said shaft being part of or connected to a prime mover, (iv) a spinner blade assembly mounted on the said shaft comprising of a plurality of blades capable of freely rotating within the said drum, (v) an outlet vent provided below the said lower cut out sector for directing the ground material to the exterior, (vi) a hopper provided over the inlet of the said drum, the said hopper provided with a shutter, the said shutter being coupled to the motor speed control device the arrangement being such that before the motor can be shut off the shutter is closed and the shutter opens only when the motor has attained full speed, (vii) an eccentric bushing provided in the prime mover rotating shaft which is coupled to the said shutter and causes it to bivate, (viii) a lid having perforation in its body adapted to fit on to the said drum, such that the material to be ground is placed in a receptacle leading into the said hopper, the lid of the said drum is opened and the sieve placed over lower cut out sector and the lid is then closed and locked into place, the prime mover switched on and the control knob adjusted to open the shutter which commences to vibrate and leads the materials to be ground into the said drum by the centrifugal force generated by the said rotating spinner blades in the said drum and finally passes through the perforations in the sieve to be collected outside through the outlet opening provided in the said drum

CLASS 160D 143452
Int C1-B61f 1/00

SAFETY DEVICE FOR BANKING VEHICLES

Applicant DOMINION FOUNDRIES AND STEEL LIMITED, OF 1330 BURLINGTON STREET EAST, HAMILTON, ONTARIO, CANADA

Inventors RICHARD N DOBSON, JOHN A GAISER AND CONRAD D GRIS

Application No 1694/Cal/75 filed September 2, 1975

Convention date October 11, 1974/(211, 337/74) CANADA

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

6 Claims

A vehicle truck including a safety device for controlling banking of a vehicle body mounted thereon the vehicle body comprising

a frame, at least two wheel and axle assemblies mounted on the frame and on which the vehicle runs,

a bolster member mounted to the frame and adapted to support the vehicle body thereon for pivoting and tilting movement relative to the frame

link means connecting the said bolster member and the frame for tilting of the bolster member relative to the frame to effect the said tilting movement of the vehicle body relative to the frame; and

first motor means operatively connected between the bolster member and frame and operative upon supply of power thereto from a power source to produce the said tilting therebetween,

the safety device comprising

a spring urged device mounted by the frame and operative in one condition thereof to oppose tilting of the bolster member and thereby of the vehicle body for maintenance of the body in a neutral position,

and second motor means operative upon supply of power thereto from the said power source supplying power to the first motor means to preclude the said one condition of the spring urged device

CLASS 130-I

143453

Int. Cl.-C22b 3/00

METHOD OF RECOVERING LEAD FROM A FINELY DIVIDED SULFIDE-LEAD BEARING MINERAL CONCENTRATE CONTAINING LEAD SULFIDE.

Applicant THE ANACONDA COMPANY, OF TIME AND LIFE BUILDING, 1271 AVENUE OF THE AMERICAS, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA

Inventors MARTIN CLIFFORD KUHN AND NATHANIEL ARBITER

Application No. 362/Cal/76 filed February 27, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

8 Claims

The method of recovering lead from a finely divided sulfidic lead-bearing mineral concentrate containing iron sulfide, characterized in that a slurry of said mineral concentrate in an aqueous medium containing ammonium sulfate and free ammonia is vigorously agitated in a closed reaction vessel at a pressure not exceeding 30 psig and in the presence of oxygen at a partial pressure of at least several psi, whereby the sulfidic lead content of the mineral is substantially oxidized to the form of substantially water-insoluble oxidic lead compounds, the slurry subsequently is withdrawn from the reaction vessel and the insoluble residue is separated from the aqueous solution, and the separated residue is subjected to a froth flotation operation to form a concentrate containing substantially all the iron sulfide and to recover a tailing containing substantially all the oxidic lead compounds

CLASS 120C

143454

Int. Cl.-B60L 17/00, F16c 32/00

TRACTION MOTOR SUSPENSION BEARING

Applicant GLADYS DAVIS MILIER, 51 WEST SARINIA STREET WINONA, MINNESOTA, USA

Inventors RICHARD JOHN RENK AND GEORGE EARL BOHNER

Application No. 846/Cal/74 filed April 16, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

20 Claims.

A bearing for a traction motor suspension assembly, having a bearing surface sized to engage a shaft characterized by a recessed groove in said bearing in which a rotatable member carried by the shaft is adapted to move during rotation of the shaft and a drain passage communicating with said groove to allow a lubricant to be positively moved away from said groove and into said passage by said member during rotation thereof

CLASS 190B

143455.

Int. Cl.-F01k 15/00

A SYSTEM FOR CONTROLLING OPERATION OF A TURBINE

Applicant WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA

Inventors URI GEORGE RONNEN AND FRANCESCO LARDI

Application No. 1595/Cal/74 filed July 17, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

8 Claims.

A system for controlling operation of a turbine driven by steam having a plurality of turbine sections and an inlet valve configuration including at least two main inlet valves including operating means and a plurality of position controllable valves including positioning means downstream from each main inlet valve to supply steam to one of the turbine sections, said system comprising means for transferring said downstream valves between sequential and single valve operating modes during turbine load operations and prior to a main inlet valve test substantially without disturbing the turbine load generation, means for closing and reopening the downstream valves associated with a main inlet valve to be tested as said positioning means automatically operates the downstream valves associated with at least one other main inlet valve to satisfy the steam flow demand substantially without disturbing the turbine load generation, and means for operating said main inlet valve operating means to close and reopen the main inlet valve to be tested after closure and prior to reopening of the associated downstream valves.

CLASS 154A

143456

Int. Cl.-B41n 1/06

METHOD OF PREPARING A SUBSTRATE SUCH AS A GASKET, GASKETS OR SUBSTRATES SO PREPARED AND INTAGLIO PRINTING PLATE FOR USE IN SUCH METHOD

Applicant ENCOLINE (PROCESS) LIMITED, OF 14, LIVERPOOL ROAD, SLOUGH, BUCKINGHAMSHIRE, ENGLAND

Inventors HAROLD FREDERICK FARROW AND BERNARD BOOTH RACKSTRAW

Application No. 2845/Cal/74 filed December 24, 1974

Convention date January 9, 1974/(01079/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

8 Claims

A method of preparing a substrate such as a gasket for use by depositing or printing material such as herein described in a preselected pattern onto the substrate comprising forcing the material to be deposited or printed through passages passing through the thickness of an intaglio printing plate or die, into the recessed design of the die, the recess being deeper in one area than in another and/or one recess being deeper than another.

CLASS 32B

143457

Int. Cl.-C07c 15/10

PROCESS OF PRODUCING STYRONF FROM TOLUENE

Applicant MONSANTO COMPANY, OF 800 NORTH LINDBERGH BOULEVARD ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA

Inventors WAITER ROBERT KNOX PHILLIP DONALD MONTGOMERY AND RICHARD NEWTON MOORE

Application No. 8/Cal/75 filed January 2, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process of producing styrene from toluene as the starting hydrocarbon which comprises

(a) effecting dehydrocoupling of toluene in the vapour phase in the presence of a solid metal oxide selected from the group consisting of the oxides of lead, cadmium and bismuth and mixtures thereof at a temperature in the range of from about 500°C to about 650°C,

(b) separating the dehydrocoupling effluent by distillation to provide a stilbene fraction,

(c) removing in a known manner the polar impurities present in said stilbene fraction from step (b),

(d) recovering said stilbene fraction substantially free of polar impurities,

(e) effecting reaction of said recovered stilbene fraction from step (d) in the vapor phase with ethylene in the presence of a disproportionation catalyst at a temperature in the range from 350° to 500°C and

(f) separating and recovering styrene from the catalytic reaction in known manner.

CLASS 39-O & P. 143458.

Int. Cl. C011 7/74, C01b 33/32

A NEW PROCESS FOR PREPARATION OF LOW IRON ALUMINIUM SULPHATE FROM CLAY.

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW-DELHI-1, INDIA.

Inventors MADHAB CHANDRA DAS AND SAMARENDRA NATH DUTTA.

Application No. 169/Cal/75 filed January 29, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

5 Claims

An improved process for the preparation of low-iron aluminium sulphate from clay characterised in that the clay is calcined, treated with sulphuric acid and slurry obtained is separated to obtain aluminium sulphate as a liquor and a filter cake comprising SiO₂.

CLASS 143D₂ 143459

Int. Cl. B65b 11/00

MACHINES FOR FORMING INDIVIDUAL PIECES, SUCH AS SWEETS OR OTHER SIMILAR PRODUCTS, OUT OF A CONTINUOUS CANDY ROPE AND FOR WRAPPING THEM THEREON

Applicant G. D. SOCIETA PER AZIONI, OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor ENZO SERAGNOLI

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A machine for forming sweets and similar products out of a continuous candy rope and for wrapping them thereon in what is known as the "point wrap" style, comprising means for infeeding and roughing the said continuous candy rope; means for cutting the said rope up into individual parallelepiped products; means for infeeding the said products along a horizontal track, means for supplying cuttings of wrapping material transversely with respect to the said track; an intermittently rotatable wheel provided with a plurality of means for grasping the said products and their cuttings of wrapping material, fixed and movable folding fingers located along the periphery of the said wheel, for effecting the wrap in what is known as the "point wrap" style; means for ejecting the wrapped products from the said rotatable head, and existing device consisting of a conveyor means and pockets in which

the said products are housed, a welding plate along with path followed by the said conveyor means, incorporating heating means for welding the side/s of the wrap; means for cooling the said products and means for the final expulsion of the wrapped products from the pockets in the said conveyor means, essential feature of the said machine being that the said conveyor means belonging to the existing device, moved with an intermittent motion, is provided with pockets around its periphery, which are so shaped that they are able to house parallelepiped products of the exact size of the aforementioned product and that along the path followed by the said conveyor means, a dual purpose presser device which moves vertically in a reciprocating fashion is provided to flatten and give emphasis to the folds in the wrap and to measure the thickness of the products

CLASS 143D₂.

143460

Int. Cl. B65b 11/00.

MACHINES FOR FORMING INDIVIDUAL PIECES, SUCH AS SWEETS OR OTHER SIMILAR PRODUCTS, OUT OF A CONTINUOUS CANDY ROPE AND FOR WRAPPING THEM THEREON.

Applicant G. D. SOCIETA PER AZIONI, OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor ENZO SERAGNOLI.

Application No. 502/Cal/75 filed March 14, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A machine for forming sweets or similar products out of a continuous candy rope and for wrapping them thereon in what is known as the "soap" style of wrap, comprising means for infeeding and roughing the said continuous candy rope, means for cutting the said rope up into individual parallelepiped products; means for infeeding the said products along a horizontal track, means for supplying the cuttings of wrapping material transversely with respect to the said track; an intermittently rotatable wheel provided with a plurality of means for grasping the said products and their cuttings of wrapping material, fixed and movable folding fingers located along the periphery of the said wheel, for effecting the wrap in what is known as the "soap" style, means for ejecting the wrapped products from the said rotatable head; an existing device for transferring the products to collating means, comprising, furthermore, welding plates incorporating heating means for welding the side/s of each wrap, means for cooling the said wrapped products and means for the final expulsion of the products from the existing device, essential features of the said machine being that the said existing device comprises a first conveyor means, moved with an intermittent motion and provided with pockets around its periphery, designed to house parallelepiped shaped articles of the exact dimensions of the above mentioned products and, along the path followed by the said first conveyor means, a presser device provided with a vertical reciprocating movement, for flattening and giving emphasis to the folds in the wrap, as well as for measuring the thickness of the products, and a second conveyor means for receiving a succession of individual products from the said first conveyor means, the said second conveyor means also being moved with an intermittent motion and provided with pockets around its periphery, designed to house parallelepiped shaped articles of the exact dimensions of the above mentioned products.

CLASS 107J.

143461.

Int. Cl. F02m 11/00.

STARTER MOTOR FOR AN INTERNAL COMBUSTION ENGINE.

Applicant THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM B19 2XF, ENGLAND

Inventors CHRISTOPHER PETER SQUIRES, ROY PRICE BOWCOTT AND DAVID FREDERICK SPRIGGS

Application No. 1923/Cal/75 filed October 6, 1975

Convention date October 16, 1974/(44811/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

9 Claims.

A starter motor of the kind specified wherein one end of said lever is coupled to said armature for movement there-with by a coupling including adjustable means whereby the position of said one end of the lever relative to the armature during movement towards the operative position can be set

CLASS 107H

143462

Int Cl F02m 45/00

FUEL INJECTION PUMP AND INJECTION CONTROL SYSTEM THEREFOR

Applicant STANADYNE INC., AT 92 DUFFERFIELD ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA

Inventor CHARLES WADSWORTH DAVIS

Application No 247/Cal/76 filed February 11, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

38 Claims

A fuel injection pump for delivering measured charges of fuel under high pressure to an associated engine comprising, a source of fuel under pressure, a charge pump connected to receive fuel from said source and pressurize the fuel to high pressure, and a control system for regulating the charges of fuel and their delivery to the engine, said control system including injection timing means for controlling the timing of delivery of fuel by the charge pump, first and second pistons, actuating means for actuating the first piston to a position indicative of engine speed and for actuating second piston independently of the first piston to a position indicative of the quantity of fuel in each charge of fuel delivered by the charge pump, and means interconnecting said pistons with each other and with said injection timing means for controlling the timing of injection according to the positions of the first and second pistons.

CLASS 40G

143463

Int Cl A61L 3/00

AN ETHYLENE OXIDE STERILIZER

Applicant INDIAN INSTITUTE OF TECHNOLOGY, IIT. P.O., MADRAS 600036, TAMIL NADU, INDIA

Inventors: RANGAYA JAGANNATHAN AND DR. UDIPI RAMAKRISHNA SHETTAGAR.

Application No 118/Mas/76 filed July 2, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch

4 Claims

An ethylene oxide sterilizer comprising in combination a sterilizing chamber provided with a lid attachable thereto to form a fluid-tight joint, means for controlled heating of the chamber, means for controlled heating of the chamber means for controlled evacuation of the gaseous content of the chamber means for the controlled supply, to the chamber, of ethylene oxide from a source; and means for the controlled supply, to the chamber, of filtered air from atmosphere

CLASS 107K & 195B

143464

Int Cl B60t 15/36

A VALVE FOR USE IN AN AIR BRAKE SYSTEM

Applicant SUNDARAM CLAYTON LIMITED, PADI, MADRAS 600050 TAMIL NADU, INDIA

Inventor KRISHNASWAMI NARASIMHAN.

Application No 197/Mas/76 filed October 11, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Madras Branch

6 Claims

A valve for use in an air-brake system, comprising a housing provided with an air-entry port for connection to the air-compressor of the system, an air-delivery port for connection to the air-reservoirs of the system and an air-exhaust port communicating with atmosphere, the housing accommodating a spring loaded non-return valve member in a passage disposed between the air entry port and the air delivery port, an unloader valve member provided for the passage and operable to by-pass air in the passage to the air exhaust port, and a pressure-sensitive governor accessible to air on the air delivery port side, for operating the unloader valve member only when the air-pressure on the air-delivery port side exceeds a predetermined value

CLASS 163C

143465

Int Cl F16p 7/02.

AN OVERSPEED SAFETY DEVICE FOR ROTARY TOOLS

Applicant CHICAGO PNEUMATIC TOOL COMPANY, OF 6 EAST 44TH STREET, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors RAYMOND JOHN SCHAEGLER AND ROBERT DAVID ROTH.

Application No. 781/Cal/75 filed April 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

9 Claims

A rotary tool including a rotary air motor, an inlet port for admitting operating air to the motor, a resilient air shut-off valve for closing the port, a trip releasably supporting the valve against its resilient bias in a normally open position, and means carried by the motor having response to a predetermined centrifugal force developed by the motor to displace the trip and thereby allow the valve to move to a position in which it closes the port

CLASS 91 & 153.

143466

Int Cl G05d 13/38, 13/50.

OVERSPEED SAFETY CONTROL MECHANISM FOR ROTARY TOOLS

Applicant CHICAGO PNEUMATIC TOOL COMPANY, OF 6 EAST 44TH STREET, NEW YORK, 10017, UNITED STATES OF AMERICA

Inventor EMMET ERNEST STOUT

Application No 1004/Cal/75 filed May 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

4 Claims

A rotary tool comprising a pneumatically powered motor having an output drive shaft, a speed governor which normally maintains the speed of the motor below a predetermined level, and an overspeed safety control mechanism supplementing the governor, the mechanism comprising a valve located in an air inlet chamber through which air is supplied to the motor, a diaphragm dividing the inlet chamber off from a pressure counterbalancing chamber, the diaphragm being connected to the valve by a stem extending axially of the chamber, the stem including a passage interconnecting the two chambers such that the inlet air pressure on the front face of the diaphragm is normally counterbalanced by a counterbalancing air pressure on the rear face of the diaphragm to retain the valve in a normally open position, and means responsive to the motor exceeding the said predetermined speed level for releasing the pressure in the counterbalancing chamber such that the diaphragm draws the valve into a closed position.

CLASS 126 A & C & D & 146C

143467

Int Cl G01k 7/24

A DEVICE ADAPTED TO MEASURE THE TEMPERATURE OF A LIQUID OR GASEOUS MEDIUM

Applicant THE DIRECTOR, CENTRAL WATER AND POWER RESEARCH STATION, P.O. KHADAKWASLA RESEARCH STATION, POONA-24, MAHARASHTRA STATE, INDIA

Inventors: PHOOL CHAND SAXENA, SHANTARAM RANGNATH GAIKWAD AND PARSHURAM RAMANADHAN

Application No 242 Bom/74 filed June 24, 1974

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Bombay Branch

7 Claims

A device adapted to measure the temperature of a liquid or gaseous media at a plurality of different locations comprising a sensor and a signal conditioning circuit for each location, said signal conditioning circuit comprising a wheat stone bridge and wherein the sensor forms one of the arms of said bridge, a data logger circuit connected to said conditioning circuit, a printer connected to said data logger circuit

CLASS 40C & 104K & 144B 143468

Int Cl-B01j 13/00

PROCESS FOR THE MANUFACTURE OF MICRO CELLULAR POLYMERIC MATERIALS

Applicant SOCIEDAD ANONIMA ALBA, FABRICA DE PINTURAS, ESMALTOS Y BARNICES, OF CFNTT NERA 2750, BUENOS AIRES, ARGENTINE REPUBLIC

Inventors PABLO ENRIQUE MUNOZ AND EDUARDO MAURICIO SIMONIN

Application No 2098/Cal/74 filed September 20, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

3 Claims No drawings

Process for the manufacture of micro-cellular polymeric materials comprising first producing discreet, celled micro globules with partitions of an organic polymer with a fluid inside and thereafter driving off the fluid present inside the polymeric particles by heating the said process being characterized in that—

(a) a solution of an organic polymer as well as a surface-active agent in a water immiscible volatile solvent is dilute with water with the formation of a 'water-in-oil' emulsion,

(b) further water is added to the emulsion obtained from (a) till there is formation of 'oil-in-water' emulsion, whereby water gets inside the emulsified polymeric globules having a size of 0.02 μ to 500 μ and

(c) the solvent and at least a part of the liquid present inside the polymeric particles are evaporated at a reduced pressure to give rise to the desired product

CLASS 32C 143469

Int Cl-C07c 139/16

A PROCESS FOR THE PRODUCTION OF BARIUM/CALCIUM PETROLEUM SULPHONATES USEFUL AS DETERGENT-DISPERSANT ADDITIVES FOR MOTOR OILS.

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1 INDIA

Inventors ONKAR NATH ANAND, VED PARKASH MALIK AND KULWANT SINGH ANAND

Application No 2553/Cal/74 filed November 19 1974

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta

7 Claims

An improved process for the production of barium/calcium petroleum sulfonates as concentrates in hydrocarbon oil useful as detergent-dispersant additives in motor oils, which comprises reacting petroleum sulphonic acids (mahogany acids) with a barium/calcium hydroxide and admixing the reaction product with calculated amount of hydrocarbon oil to obtain the desired concentration of the final product characterised in that the solid barium/calcium hydroxide is used as powder in a particle size of 30 60 B S Mesh

CLASS 84A & 85L 143470

Int Cl C10I 3/00, F27b 1/00

PROCESS AND APPARATUS FOR THE PRODUCTION OF COMBUSTIBLE GAS FROM WASTE MATERIAL

Applicant & Inventor KARL KIENHOF, OF 7081 GOLD-SHOFF, GSTAUBKREIS, (WEST) GERMANY

Application No 1272 Cal/75 filed June 27, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

22 Claims

A process for the production of combustible gas from waste materials and other combustible materials, in which the charge is dried its combustible parts are subjected to low temperature carbonisation and the low temperature carbonisation gases are converted to combustible gas in a hot reaction bed, characterised in that the charge is subjected to low-temperature carbonisation at a temperature of from 300 to 600° C with the exclusion of air, the resulting solid low-temperature carbonisation residues are separated and the low-temperature carbonisation gases are continuously drawn through a reaction bed at a temperature of from 1000 to 1200°C formed from a solid carbon vehicle and a preheated fresh air supply, and said gases are converted to high-energy combustible gas in said reaction bed

CLASS 32A, 143471

Int Cl C09b 29/24

PROCESS FOR PREPARING AZO DYES

Applicant SANDOZ LTD, OF LICHTSTRASSE 35, 4002, BASLE, SWITZERLAND

Inventor RUEDI ALTHERRMATT

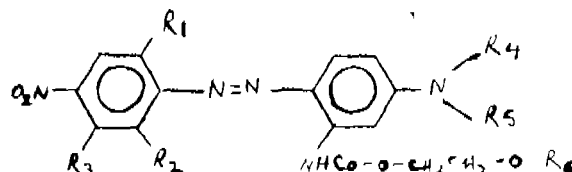
Application No 1348/Cal/75 filed July 10, 1975

Convention date 12th July, 1974 (30915/74) UK

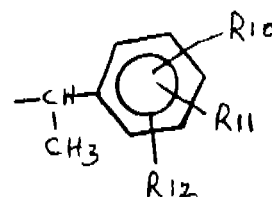
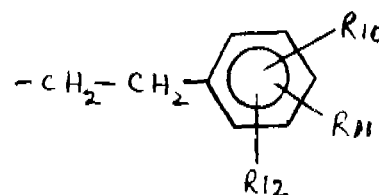
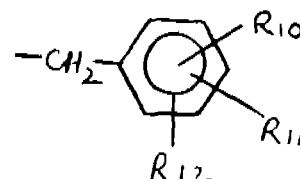
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

14 Claims

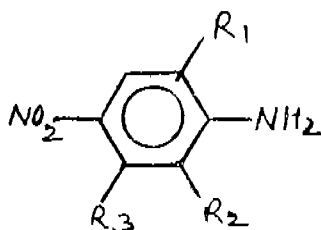
A process for the production of a compound of formula 1



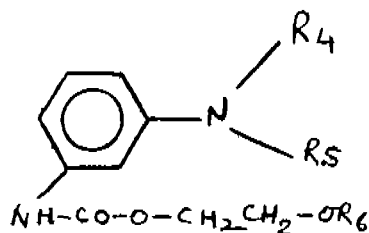
in which R_1 signifies a chlorine or bromine atom, a nitro, (C_{1-4}) alkylsulphonyl, phenylsulphonyl, (C_{1-4}) alkyl-carbonyl or benzoyl radical each of R_2 and R_3 , independently, signifies a hydrogen, chlorine or bromine atom, with the proviso that at least one of R_2 and R_3 signifies a hydrogen atom, each of R_4 and R_5 , independently, signifies a (C_{1-4}) alkyl radical or a radical of formula (i), (ii) or (iii) shown in the



in which each of R_{10} , R_{11} , and R_{12} , independently, signifies a hydrogen, chlorine or bromine atom, a methyl, methoxy or ethoxy radical, and R_8 signifies a (C_{1-4}) alkyl, (C_{1-4}) alkoxy-alkyl, unsubstituted phenyl or a phenyl radical substituted by up to three substituents selected from the group consisting of chlorine and bromine atoms, methyl, methoxy and ethoxy radicals, comprising coupling the diazotized amine of formula II.



in which R_1 , R_2 and R_3 are as defined above, with a compound of formula III.



in which R_4 , R_5 , and R_6 are as defined above.

CLASS 90E & I.

143472

Int. Cl.-C03b 23/20.

PROCESS AND APPARATUS FOR THE CONNECTION BY FUSION OF GLASS BODIES HAVING ROTATIONAL SYMMETRY.

Applicant : EGYESULT IZZOLAMPA ES VILLAMOS-SAGI RT, H-1340 BUDAPEST, VACI UT 77, HUNGARY.

Inventor : AGOSTON TOLNAI.

Application No. 2033/Cal/75 filed October 21, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A process for the fusing together of glass bodies having rotational symmetry, particularly individual components, such as bulbs and steam, of incandescent lamps and other vacuum-technological products, wherein the glass bodies are supported in mutually predetermined positions and set into rotation, and are heated, deformed and fused by burners, wherein the glass bodies supported at a predetermined mutual spacing and set in rotation are continually moved along a transport path passing through a heating zone defined by a stationary row of burners arranged on one side only of the transport path, and by a stationary heat-storing and heat-radiating wall arranged on the other side of the transport path opposite the row of burners.

CLASS 80F & K.

143473.

Int. Cl.-B01d 33/34.

DEWATERING MACHINE FOR FILTRATION AND EXPRESSION OF LIQUID FROM SOLID.

Applicant : ENVIROTECH CORPORATION, AT SALT LAKE CITY, UTAH, UNITED STATES OF AMERICA.

Inventor : STEVEN STRINGHAM DAVIS.

Application No. 2091/Cal/75 filed October 30, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

An integral machine for filtering and dewatering solids from a slurry comprising :

- (a) a rotary drum vacuum filter mounted for at least partial immersion in a tank containing slurry;

(b) an endless belt of filter medium trained about the rotary drum of said filter to cover at least the immersed sectors of the drum so that vacuum applied through said filter causes a cake of solids from the slurry to build upon the belt;

(c) an expression device inclusive of drainage means supported at a location spaced from said drum and arranged to present a drainage deck over which said endless belt passes, a flexible impervious diaphragm which is supported in face-to-face relationship with said drainage deck and spaced apart therefrom in a relaxed position, and pressurizing means for selectively applying fluid pressure against said diaphragm to urge the same from the relaxed position to a distended position whereat said diaphragm exerts pressure against a cake of solids on a section of said filter medium belt overlying said drainage deck to express liquid from said cake; and

(d) indexing means operatively connected to said rotary drum for intermittently indexing the same so that said filter belt carries solids cake from said slurry and onto said drainage deck, said pressurizing means and said indexing means being cooperatively operative such that said drum is indexed only when said diaphragm is relaxed and such that said pressurizing means applies pressure against said diaphragm only at such times as said drum is not being indexed

CLASS 32F, & F.b. & 55E & E.

143474

Int. Cl. C07d 99/24

PROCESS FOR THE PREPARATION OF INTERMEDIATES FOR CEPHALOSPORIN ANTIBIOTICS.

Applicant : BRISTOL-MYERS COMPANY, OF 345, PARK AVENUE, NEW YORK, NEW YORK-10022, UNITED STATES OF AMERICA.

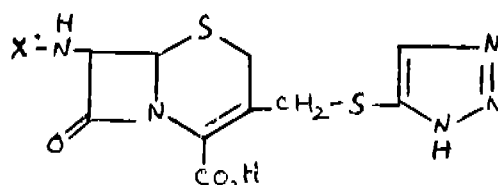
Inventors : MAO SHIH, AND PAUL DAVID SLEEZER.

Application No. 2201/Cal/75 filed November 19, 1975.

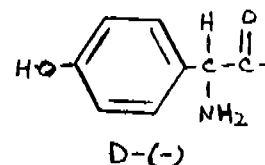
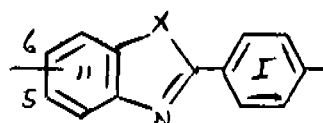
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent office, Calcutta.

14 Claims.

A process for the preparation of compounds having the formula shown in Fig 1.

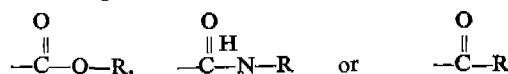


in which X is H, or a radical having the formula shown in Fig 2 or Fig 3

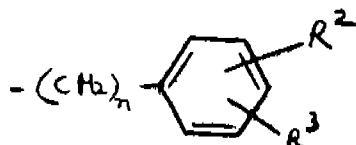


D-(-)

in which Z is H, an amino blocking group, particularly a radical having the formula

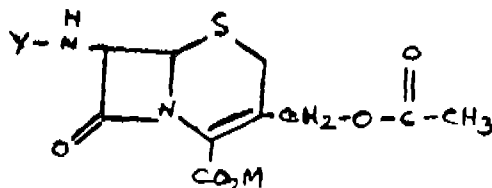


in which R is halo (Lower) alkyl or (Lower) alkyl of 1 to 20 carbon atoms or aryl, preferably a radical of the formula shown in Fig. 4

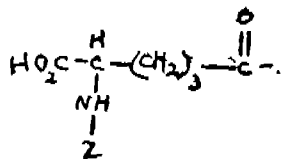


wherein n is an integer of 0 to 6 and R² and R³ are alike or different and each is H, Cl, Br, F, NO₂, (lower) alkyl or (lower) alkoxy, which process is characterized by the consecutive steps of

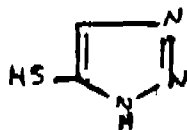
(A) treating a compound of the formula 1,



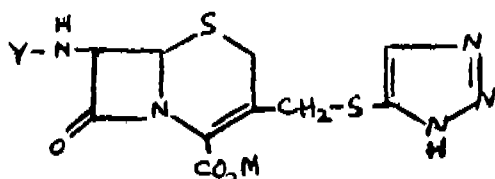
wherein M is H or a basic radical, Y is a radical having the formula shown in Fig. 5.



in which M and Z are as defined above with 5-mercapto-1, 2, 3 triazole having the formula shown in Fig. 6.



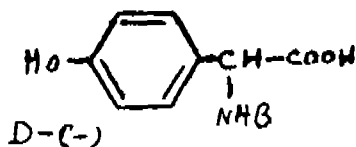
or a salt thereof to produce a compound having the formula II



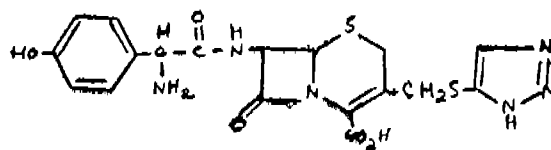
in which Y and M are as defined above; and when desired to produce compound of the formula shown in Fig. 1 in which X is H,

(B) cleaving the 7-amide bond by methods known in the art to produce 7-amino-3-[S-(1, 2, 3-triazole-5-yl) thiomethyl] 3-cephem-4-carboxylic acid (VI), or when desired to produce compound L in which X is D-(-)-(p-hydroxyphenyl) glycol,

(C) acylating compound VI or an easily cleavable ester or salt thereof with an acylating derivative of an acid having the formula XX.



wherein B represents an amino-protecting group to produce after removal of the amino-protective group B a compound of formula LX.



or an easily cleavable ester or pharmaceutically acceptable salt thereof and, if desired, (a) converting by methods known *per se* the product in the form of the free acid or salt thereof to the corresponding easily cleavable ester or pharmaceutically acceptable salt thereof or (b) converting by methods known *per se* the product in the form of an easily cleavable ester or salt thereof to the corresponding free acid compound or pharmaceutically acceptable salt thereof.

CLASS 70-B.

143475.

Int. Cl.-B01k 3/02.

ELECTRODE UNIT.

Applicant/Inventor: GEORGY MIKIRTYCHEVICH KAMARIAN, OF KOTELNICHESKAYA NABEREZH-NAYA 25/8, KV. 45, MOSCOW, U.S.S.R.

Application No. 669/Cal/76 filed April 19, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An electrode unit of an electrolyzer for the electrolysis of solutions of halogenides of alkali metals, comprising a vertically arranged main current-distribution support, whereinto there is electrically connected at least one open-work or perforated electrode member at whose working surfaces there is released gas in the course of the electrolysis of solutions of halogenides of alkali metals, which electrode member is so arranged in relation to the main current-distribution support that its working surfaces are at a certain angle to the vertical plane extending at a perpendicular to the main current distribution support on the side of the electrode member

CLASS 35F.

143476.

Int. Cl.-C04b 5/02.

METHOD OF THICKENING GRANULATED SLAG SLURRY AT PRODUCTION OF GRANULATED SLAG.

Applicant: RASA SHOJI K. K., NO. 6, 2-CHOME, KAY-ABACHO, NIHONBASHI, CHUO-KU, TOKYO, JAPAN.

Inventor: NISABURO OIKAWA.

Application No. 1323/Cal/76 filed July 23, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method of forming a granulated slag slurry which method comprises mixing molten slag with water to break up said slag into granules, introducing the granulated slag/water mixture into a stirring tank, injecting jets of water into the bottom of the tank to stir the contents and allowing excess water to overflow from the tank during continued addition of slag/water mixture until the slurry has the desired concentration and thereafter transferring the concentrated slurry to a de-watering storage tank.

CLASS 9-D.

143477.

Int. Cl.-C22c 1/04; 27/00.

METHOD FOR MANUFACTURING WEAR RESISTANT ALLOY.

Applicant: CATERPILLAR TRACTOR CO., OF 100 N.E. ADAMS STREET, PEORIA, STATE OF ILLINOIS 616002, UNITED STATES OF AMERICA.

Inventors: PRESTON LEE GALE, AND EUGENE LEE HELTON AND ROBERT CHARLES MUELLER.

Application No. 796/Cal/75 filed April 19, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method for manufacturing a wear-resistant alloy having improved hardness characteristics consisting essentially of about 25 to about 70% by weight chromium, about 6 to about 12% by weight boron, and the balance iron comprising the steps of producing cast spheroidal particles thereof by streaming the molten alloy onto a hard surface thus breaking up the molten alloy into droplets and thereafter rapidly quenching and solidifying the molten alloy with a quench liquid while still in the droplet configuration.

CLASS 32Ai

143478

Int. Cl.-C09b 35/36.

PROCESS FOR THE PRODUCTION OF TRISAZO DYE-STUFFS.

Applicant: CASSELLA FARBWERKE MAINKUR AKTIENGESELLSCHAFT, OF 6 FRANKFURT (MAIN) FECHENHEIM, HANAUER LANDSTR 526, WEST GERMANY.

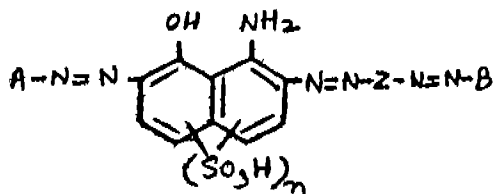
Inventors: WOLFGANG BAUER, (2) ERWIN KRUSCHE, (3) JOACHIM RIBKA.

Application No 1017/Cal/75 filed May 20, 1975.

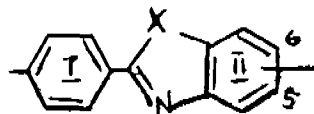
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

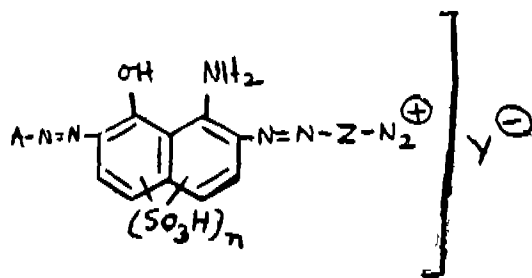
Process for the production of trisazo dyestuffs of the general formula I.



wherein Z denotes the radical of the formula shown in Fig. 1 or Fig. 2.

R
1

in which X=N-, -S- or -O-, R=H, alkyl having 1 to 4 C atoms, phenyl or benzyl, A denotes the radical of a diazo component; B denotes the radical of a coupling component, n denotes the number 1 or 2, and the nuclei I and/or II can carry further substituents and/or the sulpho groups can also be present in the salt form, wherein a diazotised disazo dyestuffs which in the form of the free acid, corresponds to the general formula II.



wherein A, Z, n have the above significance and Y represents an anion, is coupled with a coupling component of the general formula III.

B—H

in which B has the meaning as given above.

CLASS 35B & 40F.

143479.

Int. Cl.-C04b 7/02.

IMPROVEMENTS RELATING TO THE CALCINATION OF PULVEROUS MATERIAL AND A PLANT FOR CARRYING OUT THE SAME.

Applicant: F. L. SMIDT & CO., A/S, OF 77, VIGERSLEV ALLE, DK-2500 VALBY COPENHAGEN, DENMARK.

Inventor: JORN TOUBORG.

Application No. 1156/Cal/75 filed June 12, 1975.

Convention date June 18, 1974 (27052/74) U.K.

Addition to No. 2532/Cal/73.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A method of carrying out at least the partial calcination of a preheated pulverous raw material consisting of or containing lime, the method comprising passing a stream of oxygen-containing gas centrally up through a tubular calcination chamber, and separately feeding into the bottom of the calcination chamber the preheated raw material and fuel necessary for carrying through the at least partial calcination of the raw material, the fuel being itself either a combustible gas or being such that at the temperature in the calcination chamber it gives off a combustible gas, the arrangement being such that the eddies are formed between the central gas stream and the chamber wall in which eddies the combustible gas burns and the individual parties of raw material are calcined substantially isothermally, the raw material particles thus treated and the exit gases from the combustion and calcination processes being carried out of the chamber in the central gas stream whereafter the particles are finally separated from the gas stream.

CLASS 94A & G.

143480

Int. Cl.-B02b 19/11

TUBULAR GRINDING MILL END MADE OF CAST STEEL WITH AN INCORPORATED JOURNAL

Applicant: FIVES-CALL BABCOCK, OF 7, RUE MONTALIVET, 75383 PARIS, CEDEX 08, FRANCE

Inventor: ROGER RETALI

Application No 1542/Cal/75 filed August 6, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

4 Claims.

An end with an incorporated journal, for a rotary tubular grinding mill, which end is formed of two portions assembled by welding and consisting respectively of a frustoconical portion which has a cylindrical external collar, coaxial with said portion, and a tubular portion which constituted the journal and which is of the same diameter as the collar and which has been fixed by welding to an end region of said collar, a junction between the journal and the collar being situated in a portion of the journal which is arranged to rest on bearings supporting a grinding mill.

CLASS 63-E.

143481.

Int. Cl.-H02k 9/00.

LAMINATED STATOR CORE FOR AN ELECTRICAL MACHINE

Applicant: KRAFIWERK UNION AKTIENGESELLSCHAFT, OF 433 MULHEIM (RUHR), WIESENSTR, 35, FEDERAL REPUBLIC OF GERMANY

Inventors: JOACHIM BOER & GEORG FRANKENHAUSER.

Application No. 424/Cal/76 filed March 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A laminated stator core for an electrical machine comprising cooling gas supply chambers, which surround the laminated stator core concentrically and are separated by radial partition walls, end compartments for supplying cooling gas to the supply chambers, and axially spaced-apart ducts in the stator core for supplying cooling gas radially inwardly from the said chambers to the gap between the rotor and stator of the machine, there being provided, in the region of at least one of the stator core end zones between the end cooling gas supply chambers and the laminated stator core, a cooling gas distributing chamber which is so arranged as to be supplied in parallel with the end cooling gas supply chamber and to supply cooling gas to at least the end radial duct in the stator core and to radial ducts, separated by end fingers of the end lamination, between a pressure plate and the end lamination.

CORRECTION OF CLERICAL ERRORS

UNDER SECTION 78(3)

(1)

The title in the application and specification of application for Patent No 140689 (earlier numbered 2364/Cal/73) the acceptance of the complete specification of which was notified in the description and claim 1 of the specification of application 11th December, 1976 has been corrected to read "Improvements in or relating to rotary ore-reducing kilns and a process of reducing ores using the same" under sub-section (3) of the Section 78 of the Patents Act, 1970

(2)

The expression "amino-containing" appearing in the title of the invention in the application and specification as well as in the description and claim 1 of the specification of application for patent No 140782 (earlier numbered 735/Cal/74), the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th December, 1976 has been corrected by replacing by the word "amine-containing", under sub section (3) of the Section 78 of the Patents Act, 1970.

(3)

The title in the application and specification of application for Patent No. 141649 (earlier numbered as 125/Mas/74) made by "Indian Plywood Industries Research Institute", the acceptance of the complete specification of which was notified in the Part III, Section 2 of the Gazette of India dated the 2nd April, 1977, has been corrected to read "Method of manufacture of an adhesive composition based on natural polyphenols", under sub-section (3) of the Section 78 of the Patents Act, 1970

PATENTS SEALED

140758 141031 141062 141126 141154 141165 141185 141229
141234 141257 141261 141284 141286 141287 141303 141316
141319 141321 141322 141332 141333 141338 141340 141357
141361 141409 141431 141435 141485 141528 141540 141553
141567 141568 141578

PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No	Title of the invention
91976 (20-4-72)	New preparations with adrenocorticotrophic hormone activity and the manufacture thereof.
99601 (20-4-72)	Method of producing enzyme complex and the complex so produced
113650 (20-4-72)	A process for the preparation of benzodiazepine derivatives
115036 (20-4-72)	Refining of A-6-deoxy-5-oxytetracycline
126095 (7-4-70)	Process of manufacturing low and medium carbon ferro alloy.

No Title of the invention

126354 (20-4-72)	A process for obtaining useful steroids from a new plant source.
126572 (8-5-70)	New water-insoluble monoazo dyestuffs and process for preparing them and synthetic materials dyed or printed therewith.
126849 (20-4-72)	Method of preparing pyrazolopyrimidine derivatives
127067 (15-6-70)	Method of producing polyethylene terephthalate
127849 (20-4-72)	Process for the production of new antibiotic B-5050
128727 (20-4-72)	Phenoxyacetic acid derivative.
129139 (7-11-70)	Process for conversion of gas mixtures containing carbon monoxide and steam to hydrogen and carbon dioxide.
129304 (19-11-70)	Process for the preparation of amino-phenyl alkyl ethers.
129347 (23-11-70)	Process for making fatty acid mono-di-glycerides.
129429 (28-11-70)	An improvement in a method of producing zinc.
139846 (20-4-72)	Process for preparation of 1-[2'-hydroxy ethyl]-2-methyl-5-nitroimidazole
129871 (7-1-71)	Preparation of pyrazine derivatives and flavouring compositions incorporating these compounds.
131268 (20-4-72)	A method for forming a copolymer having a hydrophilic surface.
131933 (20-4-72)	A method for the manufacture of esters of B-5050 or tetrahydro-B-5050.
132654 (24-8-71)	Methods for the fractionation of amyloses
133542 (9-11-71)	Food products.
133752 (20-4-72)	Process for the preparation of triazolobenzodiazepine derivatives
133822 (1-12-71)	Process for production of dry molasses.
133985 (17-12-71)	A method of preparing an animal feed-stuff.
134215 (20-4-72)	Process for the manufacture of the salt of α -carboxybenzyl penicillin.
134253 (12-1-72)	Fermentation process for the production of D-mannitol
135425 (28-12-70)	Process for making tortill dough.
135513 (13-9-70)	Process for preparing proteinaceous product.

RENEWAL FEES PAID

83747	83748	84506	84540	84699	84782	84783	84826	85058
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102060	102061	102062	102063	102064	102065	102066	102067	
102068	102069	102070	102071	102324	102347	102349	102407	
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 113652 113692 113808 113830 113519 114953 115364 116056
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 118631 118670 118678 118727 118750 118811 118830 118833
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 135572 135626 135731 135956 136101 136672 136677 136717
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 139452 139540 139581 139599 139608 139627 139634 139656
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 140503 140522 140523 140526 140527 140528 140533 140534
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 141094 141100 141107 141133 141150 141192 141193 141264
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CESSATION OF PATENTS

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 99056 99063 99064 99065 99079 99117 99119 99141 99221
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 99811 99848 99885 99927 99956 99957 99967 99972 100002
 100017 100061 100074 100097 108747 111499

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry

Class 1. No. 145311. Metallic Lock Manufacturing Company, of Bari Isralian, Aligarh, (U.P.), an Indian Proprietary Concern. "Cycle lock" March 4, 1977.

Class 1. No. 145351. Babulal Mechanical Works, 267/29, Raviwar Peth, Solapur, Maharashtra, an Indian Proprietary Concern. "Jacquard tapet kem motion set". March 17, 1977

Class 1. No. 145502. Shree Hanuman Metal works, 37-B.K. Paul Temple Road, Belur, Howrah, (an Indian Partnership Concern), "Chair" April 29, 1977.

Class 1. No. 145574. Satish Kumar Wassan, A-24, Mayapuri Industrial Area, Phase-I, New Delhi-110027, an Indian National "Foot rest". May 13, 1977.

Class 3. No. 145276. Smt. Sara Kasturi Chaudy and Surendra Chandu Kalyanpur, Indian Nationals, trading as Buba Plastics & Allied Products, at A-61, Nand-jyot Industrial Estate, Safed Pool, Andheri Kurla Road, Bombay-400072, Maharashtra, India. "Vase" February 25, 1977.

Class 3. No. 145348. M. L. Sanjeev Kumar Longiany, 18, Mission Compound, Meerut, U.P., an Indian Partnership concern, "A paper bag". March 14, 1977.

Class 3. No. 145535. Bata India Limited, a public limited company incorporated under the Indian Companies Act at No. 30, Shakespear Sarani, in the town of Calcutta, West Bengal. "A sole for footwear" May 11, 1977

Class 3. No. 145571. Art India, Chandra Mahal, 1st Floor 241, Princess Street, Bombay-400002, Maharashtra State, India, an Indian Partnership Firm. "Bangle" May 13, 1977.

Class 9. Nos. 145739 to 145747. M/s. Sovrin Knt Works, No. 20/4, Mathura Road, Faudabad (Haryana) a registered partnership firm of Indian Nationality. "The textile goods". June 28, 1977.

Class 13. No. 145693. P. V. S. Fabrics, an Indian Partnership Firm, at 95-A, Old Hanuman Lane, Dhanji Mulji Dela, Room No. 18, 1st Floor, Bombay-400002, Maharashtra, India. "Textile piece goods". June 17, 1977.

Name Index of Applicants for Patents for the month of September 1977 (Nos. 1353/Cal/77 to 1465/Cal/77, 266/Bom/77 to 288/Bom/77, 146/Mas/77 to 159/Mas/77 to 159/Mas/77 and 216/Del/77 to 283/Del/77).

Name & Appln No

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AB Calator—1354/Cal/77

A/S Strommen Staal

Strommen-Raufoss.—1390/Cal/77

Air Preheater Company,

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American Cyanamid Co.—1422/Cal/77

American Home Products Corp.—1423/Cal/77

American Science &

Engineering, Inc.—256/Del/77

Andreeva, I. M.—1425/Cal/77

Andreev, J. G.—1425/Cal/77

Anic S.p.A.—1388/Cal/77

Asea Aktiebolag.—257/Del/77 and 258/Del/77

Atre, V. M.—280/Bom/77 and 281/Bom/77

Avon Industrial Polymers Ltd.—242/Del/77

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Bakelite Hylam Ltd.—287/Bom/77	Haja Mohideen, V. A.—152/Mas/77	
Banerjee, B.—225/Del/77	Halcon International, Inc.—1462/Cal/77	
Bayer Aktiengesellschaft.—238/Del/77, 244/Del/77 and 450/Cal/77	Halder, D. L.—1382/Cal/77	
Bongt Ake Kindberg—1464/Cal/77	Hanota Holdings S. A.—1361/Cal/77	
Boni Limited—1357/Cal/77	Harbans Lal Malhotra & Sons Ltd.—1365/Cal/77	
Bharat Heavy Electricals Ltd—223/Del/77	Hajtomuvek ES. Festoberen dezsek Gyara.—1366/Cal/77 and 1441/Cal/77	
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	Manishankar, J. A.—276/Bom/77	
	Marthi Consultant Private Ltd.—146/Mas/77	
	Mazumdar, A.—225/Del/77	

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Mewada, K. D.—274/Bom/77	Shell International Research Maatschappij B. V.—276/Del/77
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Palnitkar, G. (Dr.).—153/Mas/77	Stauffer Chemical Co.—1360/Cal/77 and 1397/Cal/77
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Scovill Manufacturing Co.—1433/Cal/77	
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Sharma, P. A.—282/Bom/77	

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	S. VEDARAMAN CONTROLLER-GENERAL OF PATENTS, DESIGNS AND TRADE MARKS.